

AMENDMENTS TO THE CLAIMS

1-8. (Cancelled)

9. (New) A plasma display device comprising:

a plurality of discharge cells arranged to show a single color or multiple colors; and
phosphor layers arranged such that colors of the phosphor layers correspond to the colors
of the discharge cells, and being arranged to be excited by ultraviolet rays for emitting light,
wherein a composition formula of at least one phosphor layer of the phosphor layers is

$\text{Ba}_{(1-x-y)}\text{Sr}_y\text{MgAl}_{10}\text{O}_{17}:\text{Eu}_x$,

wherein x has a value such that $0.01 \leq x \leq 0.20$, and y has a value such that $0.1 \leq y \leq 0.30$,
and wherein the at least one phosphor layer is formed of a phosphor which has been fired in
atmospheric air at a temperature ranging from 800 °C to 1500 °C, fired in a reducing atmosphere
at a temperature ranging from 1100 °C to 1500 °C, and fired in an oxidizing atmosphere at a
temperature ranging from 600 °C to 1000 °C.